

STORAGE AREA NETWORK METHODS AND APPARATUS
WITH COORDINATED UPDATING OF TOPOLOGY REPRESENTATION

Abstract of the Invention

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A digital data processing apparatus of the type that manages a SAN includes a first queue with entries representing tasks and a second queue with entries representing data that correspond to those tasks. Data in the second queue is grouped in accord with the task to which they correspond. A manager service updates the internal representation of the SAN (e.g., the representation of the SAN topology) by executing the tasks in the first queue one at a time, for example, atomically using a single-threaded process.

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